



Context of a small port

Analyzing and Addressing Current Barriers and Challenges for Port Operations

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Current Barriers to Small Port Operations

1. Infrastructure Limitations

- ▶ Insufficient berthing facilities
- ▶ Lack of modern equipment
- ▶ Limited storage capacity
- ▶ Maintenance and upgrade of existing facilities



2. Technological Constraints

- Inadequate automation processes
- Poor connectivity and communication
- Incompatible systems
- lack of resources

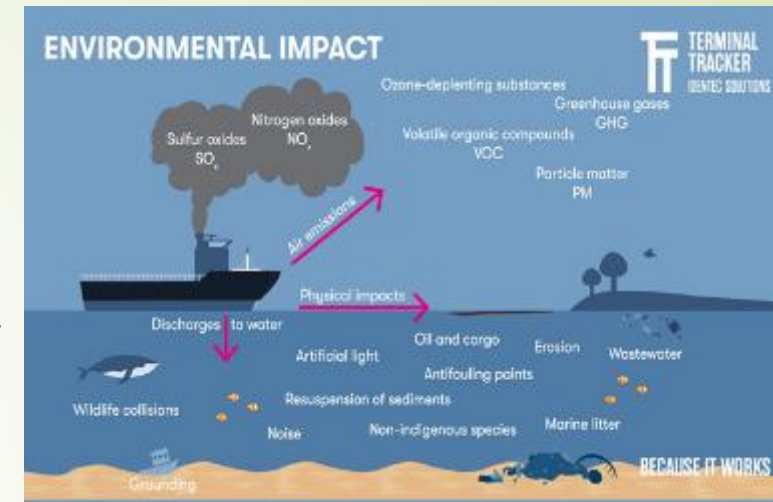
3. Financial Constraints

- Limited budget allocation
- Financing for infrastructure development
- Revenue generation challenges

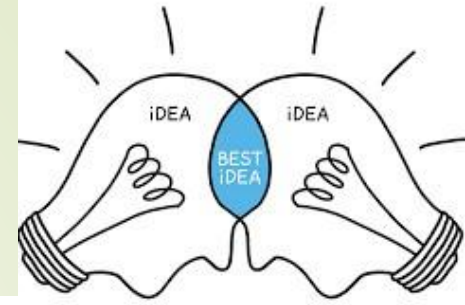


3. Environmental challenges

- Balancing economic growth with environmental sustainability
 - Complex regulatory environment
 - Compliance with international standards
 - Lack of resources for monitoring, implementation of sustainable initiatives.
- Africa's Western Indian Ocean (WIO) remains challenged in terms of adopting and implementing technological enhancements to improve productivity and sustainability (Ogaral et al.2023)



Addressing the Challenges



- Prioritize infrastructure upgrades
- Seek partnerships for investment
- Implement phased development plans
- Upgrade IT systems and software
- Invest in automation and digitalization
- Training programs for staff on new technologies
- Explore alternative funding sources
- Improve revenue-generating activities
- Efficient cost management strategies
- Collective action and innovative solutions to overcome environmental barriers
- Integration of sustainability practices is essential for future port growth



Let us continue the conversation.
Together let us find solutions to
overcome common barriers

Join us in Seychelles

Thank you!



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